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FORM PTO-2053-B (REV. 10/03)
Approved for use through 07/31/2006.OMB 0651-0031
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. 10/620191

Filing Date: 7/15/03

Title: Systems And Methods For Testing A

Direct to:

Mail Stop MISSING PARTS Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

NOTICE UNDER 37 CFR 1.251 – Pending Application

<u>Device-Under-Test</u>

Statement (check the appropriate box):

☑The copy submitted with this reply is a complete and accurate copy of applicant's record of all of the correspondence between the Office and the applicant for the above-identified application (except for U.S. patent documents), and applicant is not aware of any correspondence between the Office and applicant for the above-identified application that is not among applicant's records.

The copy of the paper(s) listed in the notice under 37 CFR 1.251 is/are a complete and accurate copy of applicant's record of such paper(s).

☐ The papers produced by applicant are applicant's complete record of all of the correspondence between the Office and the applicant for the above-identified application (except for U.S. patent documents), and applicant is not aware of any correspondence between the Office and the applicant for the above-identified application that is not among applicant's records.

Applicant does not possess any record of the correspondence between the Office and the applicant for the above-identified application.

application.

Date

Cynthia S. Mitchell

Typed or printed name

A Copy of this notice should be returned with the reply.

Burden Hour Statement: This collection of information is required by 37 CFR 1.251. The information is used by the public to reply to a request for copies of correspondence between the applicant and the USPTO in order to reconstruct an application file. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 60 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Andrew Steven Hildebrant

Serial No.: 10/620191 Examiner: Unknown

ATTORNEY DOCKET NO. 10030559-01

Filing Date: July 15, 2003

Group Art Unit: 2184

Title: Systems And Methods For Testing A Device-Under-Test

Ρ.	O. Box 1450	ER FOR PATENTS A 22313-1450											
TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT Sir:													
	· -	rewith is/are the follo	wing in the	above-ide	ntified applic	atio	n:						
Response/Amendment Petition to extend							l tim	e to re	espond	d			
						upplemental Declaration							
No additional fee													
Other: Notice Under 37 CFR 1.251-Pending Application (Fee \$)													
[R THAN A SMA	LL E		- 	(0)		(~)		
	(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR		1	(5) RESENT EXTRA	(6) RATE		(7) ADDITIONAL FEES			
	TOTAL CLAIMS	22	MINUS	5		=	0	×	50	\$	0		
	INDEP. CLAIMS	5	MINUS			=	0 .	x	200	\$	0		
- [FIRST PRE	FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						+ 3	300	\$	0		
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Respectfully submitted,									Λ				
Andrew Steven Hildebrant By Hereby certify that this correspondence is being Deposited													
with the United States Postal Service as First class mail in an							Cynthia S. Mitchell Attomey/Agent for Applicant(s)						
Date of Deposit: //8/05 Reg. No.								36,081					
Typed Name: Sue A. Hebert Date:								11.0/06					
Signature: We Helder									/	•	-		
					•	Tele	phone N	No.	970 6	79 31:	36		

Rev 10/04 (TransAmd)

Filed: 07-15-03 Serial No.: 10/620,191 Issued: Patent No.: Applicant: Hildebrant Title: Systems and Methods for Testing a Device-Under-Test Serial No.: 10/620,191 Filed: 07-15-03 Issued: Patent No.: 🤭 Applicant: Hildebrant Title: Systems and Methods for Testing a Device-Under-Test C/M Date: 10-21-03 Docket No.: 10030559-1 Due Date: 11-12-03 EM No.: **USPTO STAMP** PATENT AND TRADEMARK OFFICE STAMP HEREON ACKNOWLEDGES RECEIPT OF THE BELOW IDENTIFIED PAPERS: Cert. of Mailing: Regular US Mail Express Mail Express Mail Fees Pymt . Form Check Dep. Acct: Credit Card Paym't Form Fee Transmittal Page Request to Rescind Non-Pub. RCE Application Transmittal Pg. Missing Parts Response Petition to Make Special Status Inquiry (in duplicate) Copy of Missing Parts Notice Notice of Appeal Resp. Incomplete Application Papers Appeal Brief (in Triplicate) Copy - Not. Incomplete Appl. Papers Request for Refund Declaration & Power of Attorney Request for Correction F/R Preliminary Amendment Small Entity Status Claimed Notice of Continuation Applic.
Issue Fee Trx. In Dupl.
Sheets of Drawings IDS/Form 1449

Cited Reference(s) (

Terminal Disclaimer

Amendment:

Person Mailing: MNK

Other:

Assignment/Assign't Cover Sheet

Non-Final Final
After Not. Allow Unentered

Claim of Priority & Sub. Cert. Copy

Amendment Transmittal Page

Petition for Extension of Time

of Foreign Application

Responsible Atty: SAH/SOM

in duplicate

☐ Formal ☐ Informal

☐ Prior to NOA ☐ W/I NOA

Request for Cert. Of Correct.

Maintenance Fee Transmittal
3.5 7.5 11.5

Certificate of Correction x 2

Letter/Trx. To Draftsman

AGILENT TECHNOLOGIES, IN Legal Department, DL429 Intellectual Property Administration P. O. Box 7599 Loveland, Colorado 80537-0599

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

inventor(s): Andrew S. Hildebrant

Serial No.: 10/620,191

Examiner: TBA

Filing Date: July 15, 2003

Group Art Unit: TBA

Title: Systems and Methods for Testing a Device-Under-Test

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria VA 22313-1450

Sir:		·	13MII IAL	LETTER FOR RI	ESPUNSE	AMENUM	ENI			
Гга	nsmitted he	rewith is/are the follo	wing in the	above-identifi	ed applica	ation:				
\boxtimes	Response	/Amendment	Petition to extend time to respond							
	New fee a	s calculated below	Supplemental Declaration							
\boxtimes	No additio	nal fee (Address e	nvelope to	"Mail Stop Nor	-Fee Am	endments	")			
Other: (Fee \$0.00)						.00)				
Γ	CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY									
	(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NU PREVIOUSLY P	MBER	(5) PRESEN T EXTRA	(6) RATE	(7) ADDITIONAL FEES		
	TOTAL CLAIMS	22	MINUS	. 22		= 0	X 18	\$ 0.00		
1 -	NDEP. CLAIMS	5	MINUS	5		= 0	X 86	\$ 0.00		
T	☐ FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM + 290									
	EXTENSION 1 ST MONTH FEE 110.00		2 ND MONT 420.00		3 ^{RO} MONTH 950.00		NONTH	\$		
L	OTHER FEES									
L.				TOTAL ADDITIO	VAL FEE F	OR THIS AM	IENDMENT	\$ 0.00		

Charge \$_____ to Deposit Account **50-1078**. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account **50-1078** pursuant to 37 CFR 1.2 5. Additionally please charge any fees to Deposit Account **50-1078** under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

I hereby certify that this correspondence is being Deposited with the United States Postal Service as First class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: 10-21 - 03

Typed Name: Mary N. Kilgore

Signature: Mary N. Kulgore

Respectfully submitted, Andrew S. Hildebrant

- Sami O Malas

Sami O. Malas
Attorney/Agent for Applicant(s)

Reg. No. 44,893

Date: 10-21 - 2003

Telephone No. 770-933-9500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Andrew S. Hildebrant

Confirmation No.: 8661

Serial No.: 10/620,191

Filed: 07-15-2003

Docket No. 10030559-1

For: Systems and Methods for Testing

a Device-Under-Test

RESPONSE TO NOTICE OF OMITTED ITEM (WITH AMENDMENT)

Mail Stop: Non-Fee Amendment Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

The Notice of Omitted Item(s) in a Nonprovisional Application mailed September 12, 2003 has been carefully considered.

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as indicated hereafter. It is believed that the following amendments add no new matter to the present application.

In the Specification:

Please amend paragraph 10 on page 2 as follows:

FIG. 4 is a flow chart depicting yet another embodiment of a testing method.

Please amend paragraph 11 on page 2 as follows:

FIG. [[5]] $\underline{4}$ is a block diagram depicting an embodiment of a computer that can be used to implement the pin-grouping modules shown in FIGS. 1A and 1B.

REMARKS

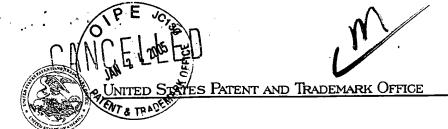
A filing date has been accorded to the above-identified patent application. However, according to the Notice of Omitted Item(s), FIG. 5 appeared to have been omitted from the patent application. Applicant maintains that FIG. 4 was inadvertently referred to as FIG. 5 in the Brief Description of The Drawings. Applicant is therefore amending the specification as shown above to correct this error.

Respectfully submitted,

Sami O. Malas, Registration No. 44,893

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

Suite 1750 100 Galleria Parkway N.W. Atlanta, Georgia 30339 (770) 933-9500



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
P.O. Doz 1450
Alexandris, Vingina 22313-1450
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FIRST NAMED APPLICANT ATTORNEY DOCKET NUMBER FILING OR 371 (c) DATE APPLICATION NUMBER Andrew S. Hildebrant 10030559-1. 10/620,191 07/15/2003

CONFIRMATION NO. 8661

AGILENT TECHNOLOGIES, INC. Legal Department, DL429 Intellectual Property Administration P.O. Box 7599 Loveland, CO 80537-0599

US ACTION DUE DATE Paper Dated Msg Pl Dwgs Appeal

OC000000010868119*

Date Mailed: 09/12/2003

SEP 1 o 2003

AGILENT LENOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

A filing date has been accorded to the above-identified nonprovisional application papers; however, the following item(s) appear to have been omitted from the application:

- Figure(s) 5 described in the specification.
- I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit must be filed within TWO MONTHS of the date of this Notice. The petition fee will be refunded if is determined that the item(s) was received by the USPTO.
- II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h)) requesting the later filing date must be filed within TWO MONTHS of the date of this Notice.

Applicant is advised that generally the filing fee required for an application is the filing fee in effect on the filing date accorded the application and that payment of the requisite basic filing fee on a date later than the filing date of the application requires payment of a surcharge (37 CFR 1.16(e)). To avoid processing delays and payment of a surcharge, applicant should submit any balance due for the requisite filing fee based on the later filing date being requested when submitting the omitted items(s) and the petition (and petition fee) requesting the later filing date.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within TWO MONTHS of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b). In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (i.e., the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any

omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabeled drawing figures, is required. A copy of the drawing figures showing the proposed changes in red ink should accompany with any drawing changes. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

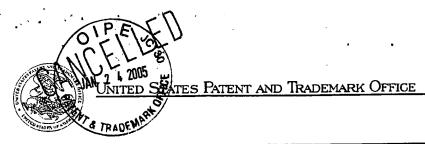
Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER OF PATENTS AND TRADEMARKS P.O. DOX 1450 Alexandria, Virginia 22313-1450

APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/620,191

07/15/2003

Andrew S. Hildebrant

10030559-1

CONFIRMATION NO. 8661

AGILENT TECHNOLOGIES, INC. Legal Department, DL429 Intellectual Property Administration P.O. Box 7599 Loyeland, CO 80537-0599 FORMALITIES LETTER

OC00000010868119

Date Mailed: 09/12/2003

NOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

A filing date has been accorded to the above-identified nonprovisional application papers; however, the following item(s) appear to have been omitted from the application:

- Figure(s) 5 described in the specification.
- I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit must be filed within TWO MONTHS of the date of this Notice. The petition fee will be refunded if is determined that the item(s) was received by the USPTO.
- II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h)) requesting the later filing date must be filed within TWO MONTHS of the date of this Notice.

Applicant is advised that generally the filing fee required for an application is the filing fee in effect on the filing date accorded the application and that payment of the requisite basic filing fee on a date later than the filing date of the application requires payment of a surcharge (37 CFR 1.16(e)). To avoid processing delays and payment of a surcharge, applicant should submit any balance due for the requisite filing fee based on the later filing date being requested when submitting the omitted items(s) and the petition (and petition fee) requesting the later filing date.

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In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any

omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabeled drawing figures, is required. A copy of the drawing figures showing the proposed changes in red ink should accompany with any drawing changes. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

Replies should be mailed to:

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Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE